

★ VEIT. Q43 Q44 92-285565/35 ★ DE 4104919-A
Hydrothermally hardened brick - contg amorphous silicate ,
limestone and opt. expanded clay or glass granulate
VEIT DENNERT KG 91.02.18 91DE-4104919
L02 (92.08.20) C04B 28/18, 14/12, 14/16, 38/08, E04C 1/00, 2/04,
E04B 1/76, C04B 14/22, 14/24

Hydrothermally hardened construction brick is made of silicate component having an amorphous structure, a limestone component and optional additive of expanded lay or expanded glass granulates.

The silicate component is glass powder, pumice powder or a mixture of these. The pref. compositions are:- 1) 15-25 wt.

glass powder; 10-20 limestone; 0-75 expanded clay or slate granulate. 2) 15-25 pumice powder; 10-20 limestone; 0-75 expanded clay or slate granulate. 3) 15-40 glass powder; 10-30 limestone; 0-75 expanded glass granulate. (4) 15-40 pumice powder; 10-30 limestone; 0-75 expanded glass granulate.

ADVANTAGE - By using an amorphous silicate in place of the crystalline quartz powder, the brick has improved thermal insulation properties. (3pp Dwg.No.0/0)

N92-218550